Species Data Sheet

Datasheet No. A-094.001.052
(family.genus.species)

DBT- Network Programme

1.Taxon:
Species:*Eriocaulonnepalense*Presc. ex Bong.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:*Eriocaulon nantoense* var. *parviceps* (Hand.-Mazz.) W.L.Ma,*E.nantoense*var. *trisectum* (Satake) C.E.Chang, *E.nepalense*Kunth, *E.nepalense* var. *laosense*Satake, *E.nepalense* var. *luzulaefolium* (Mart.) Praj.&J.Parn.,*E.nepalense* var. *nepalense*, *E.pullum*T.Koyama, *E.schochianum* var. *parviceps* Hand.-Mazz., *E.senile* Honda, *E.senile* f. *pilosum*T.Koyama, *E.trisectum*Satake, *E.viride*Körn.

3. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Eriocaulaceae Martinov
- Genus: *Eriocaulon* L.
- Species: *E.nepalense*Presc. ex Bong.

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Monocotyledons
Series: Glumaceae
Ordo: EriocauleaeBartl.
Genus: *Eriocaulon* L.
Species: *E.nepalense*Presc. ex Bong.

4.Distribution:

Global: Asia

India: Andhra Pradesh, Assam, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Sikkim, Tamil Nadu, West Bengal etc.

5.Indigenous/Exotic/Endemic;Cultivated/Wild:

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Acaulescentherb, grows inMediterranean Forest, woodlands and Scrub.

8.Life Form: Therophyte

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology:**

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:

Image file

17.Agametoploidy:

18.Nature of polyploidy (auto, segmental, allo, autoallo):

19.Genomic formula:

20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):

21.Somatic chromosomes:

Karyotype:
Chromosome size:
NOR chromosome(s):
Degree of asymmetry:
Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24.Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis:

Male meiosis:

Image file

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level:

Image file

DNA level

29.Any other information (Apomixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc):